Central Virginia Transportation Technical Committee

Region 2000 Local Government Council Office
Large Conference Room
828 Main Street, 12th Floor
Lynchburg, Virginia 24504

Thursday, November 10, 2016 - 10:30 a.m.

<u>Agenda</u>

1. **Call to Order**……………………………………………………………..Paul Harvey, Chair

2. **Approval of Minutes: October 13, 2016**
   (See Attachment 1)

3. **Update: Lynchburg Regional Connectivity Study**………………………………………..………..……………Rick Youngblood, VDOT

4. **Staff Report**…………………………………………..…………………Scott Smith, CVMPO

5. **Presentation: Transportation Planning in Amherst County**……………………………………...………Jeremy Bryant, County of Amherst

6. **Update: 2017 Regional Congestion Survey**………………….Philipp Gabathuler, CVMPO

7. **Update: Rural Long Range Plan**………………….....…………..Philipp Gabathuler, CVMPO

8. **Matters from the Committee**…………………...………………………………………..All

9. **Adjournment** - Next meeting: **December 8, 2016** at **10:30 am**

General Information

- Transportation Technical Committee Statement of Purpose (*See Attachment GI)*

Central Virginia Transportation Technical Committee

828 Main Street, 12th Floor, October 13, 2016 at 10:30 a.m.

MINUTES

URBAN MEMBERS

PRESENT

Paul Harvey………………………………………………………………………………....Campbell County
David Cook for Rick Youngblood…………………………………………...VDOT-Lynchburg District
Richard Metz……………………………………………………...Campbell County Citizen Representative
Gregg Zody……………………………………………………………………………………Bedford County

ABSENT

Doyle Allen……………………………………………………………...Bedford County Citizen Representative
Nick Britton ....Virginia Department of Rail and Public Transportation
Josh Baker………………………………………………………………………………………….GLTC
Lee Beaumont…………………………………………………………………... Liberty University
Jeremy Bryant……………………………………………………………………….Amherst County
Mark Courtney……………………………………………………………….Lynchburg Regional Airport
Jack Hobbs ……………………………………………………………………...Town of Amherst
Tom Martin………………………………………………………………………….City of Lynchburg
Cheng Yan…………………………………………………………….Federal Highway Administration

RURAL MEMBERS

PRESENT

Paul Harvey………………………………………………………………………………....Campbell County
David Cook for Rick Youngblood…………………………………………...VDOT-Lynchburg District
Richard Metz……………………………………………………...Campbell County Citizens Representative
Gregg Zody……………………………………………………………………………………Bedford County

ABSENT

Doyle Allen……………………………………………………………...Bedford County Citizen Representative
Nick Britton……………………………………...Virginia Department of Rail and Public Transportation
Jeremy Bryant……………………………………………………………………….Amherst County
Roxanne Casto………………………………………………………………………Town of Appomattox
Johnnie Roark……………………………………………………………………...Appomattox County
Russell Thurston………………………………………………………………………Town of Brookneal
Bart Warner……………………………………………………………………….Bedford City
Dan Witt……………………………………………………………………….Town of Altavista
Cheng Yan………………………………………………………….Federal Highway Administration

OTHERS PRESENT

Christopher Bush .... VDOT
Susan Cook…………………………………………………………………………..Local Government Council
Maggie Cossman..City of Lynchburg
Scott Smith……………………………………………………………………………Local Government Council

1. **Call to Order**
Paul Harvey called the meeting to order at 10:30 a.m.

2. **Approval of Minutes: April 14, 2016**
Upon a motion by Gregg Zody to approve the minutes of May 12, 2016 as presented, duly seconded by Richard Metts, this motion passed unanimously.

3. **Staff Report**
Scott Smith gave an update on Smart Scale. Applications are in from most localities. He advised that for those needing resolutions, the MPO will be meeting on November 17th. Also, for the rural areas, resolutions from the Local Government Council will be done on the same day.

Mr. Smith announced to the committee that a new planner has been hired to work with transportation. Philipp Gabathuler will be returning and starting on November 1st.

4. **Kemper Street Sidewalk HSIP Application Report**
Maggie Cossman, with the City of Lynchburg, reported that the City is working on an HSIP application for a sidewalk fill-in project. This project would fill the gap in the eastern portion of the project, connecting Campbell Ave. towards 460.

A motion was made by Gregg Zody that the TTC support this application, and a second was made by Richard Metts. The motion was approved unanimously by those present.

A resolution from the MPO will follow.

5. **Candlers Mountain Road Study & Odd Fellows Road Interchange Update**
David Cook reported that draft concepts will be sent to their staff sometime next week for review and comments. In the next couple of weeks, a final version of all the concepts should be available. Cost estimates will be finalized in a couple of weeks when the comments come back. Please see Attachments 1a and 1b for near and long term project recommendations.

Mr. Cook advised everyone that the final public meeting for the Rt. 29 study will be held at Hyland Heights Baptist Church on October 27, from 4:00 – 6:00 p.m. Also, the final Steering Committee meeting will be on October 14.

Mr. Cook gave an update on Smart Scale.

- $185 million in projects in the Lynchburg District
- Presently in the process of validating projects, completing this by the end of November

6. **Program Topics for Future TTC Meetings**

   Scott Smith asked for input on the types of things committee members would like to talk about at future meetings.

   - Gregg Zody suggested a discussion on access management.
   - Maggie Cossman suggested information on funding opportunities.
   - Richard Metts asked for updates on projects status.

7. **Matters from the Committee - there were none**

8. **Adjournment**

   Upon a motion by Richard Metts to adjourn, duly seconded by Gregg Zody, Paul Harvey adjourned the meeting. The next meeting of the Transportation Technical Committee will be on November 10, 2016.

   Signed: _____

   Paul E. Harvey, *Chair*

#1

#2

#3

#4

#5

#6

#7

#8

#9

#10

#1 – Intersection improvements at Wards Road (turn-lanes or roundabout)
#2 – Access management/median improvements
#3 – Re-align SB Lynchburg Expressway off-ramp, construct new signal, convert Seminole Road approach to stop-controlled, right-in/right-out movement
#4 – Replace bridge and provide space for NB and SB auxiliary lanes (Recommendation from Lynchburg Expressway Study)
#5 – SB Lynchburg Expressway auxiliary lane (Recommendation from Lynchburg Expressway Study)
#6 – NB Lynchburg Expressway auxiliary lane (Recommendation from Lynchburg Expressway Study)
#7 – Remove NB Lynchburg Expressway loop ramp from EB Candlers Mountain Road, construct new signal and add connection to NB Lynchburg Expressway northern on-ramp
#8 – Realign NB Lynchburg Expressway ramp to provide required acceleration and taper lengths (Recommendation from Lynchburg Expressway Study)
#9 – Continuous Green-T intersections at Murray Place and River Ridge Mall entrance
#10 – Turn-lane improvements at Mayflower Drive intersection

Long-Term Projects
Include in 2040 Synchro models
and 2040 CORSIM models
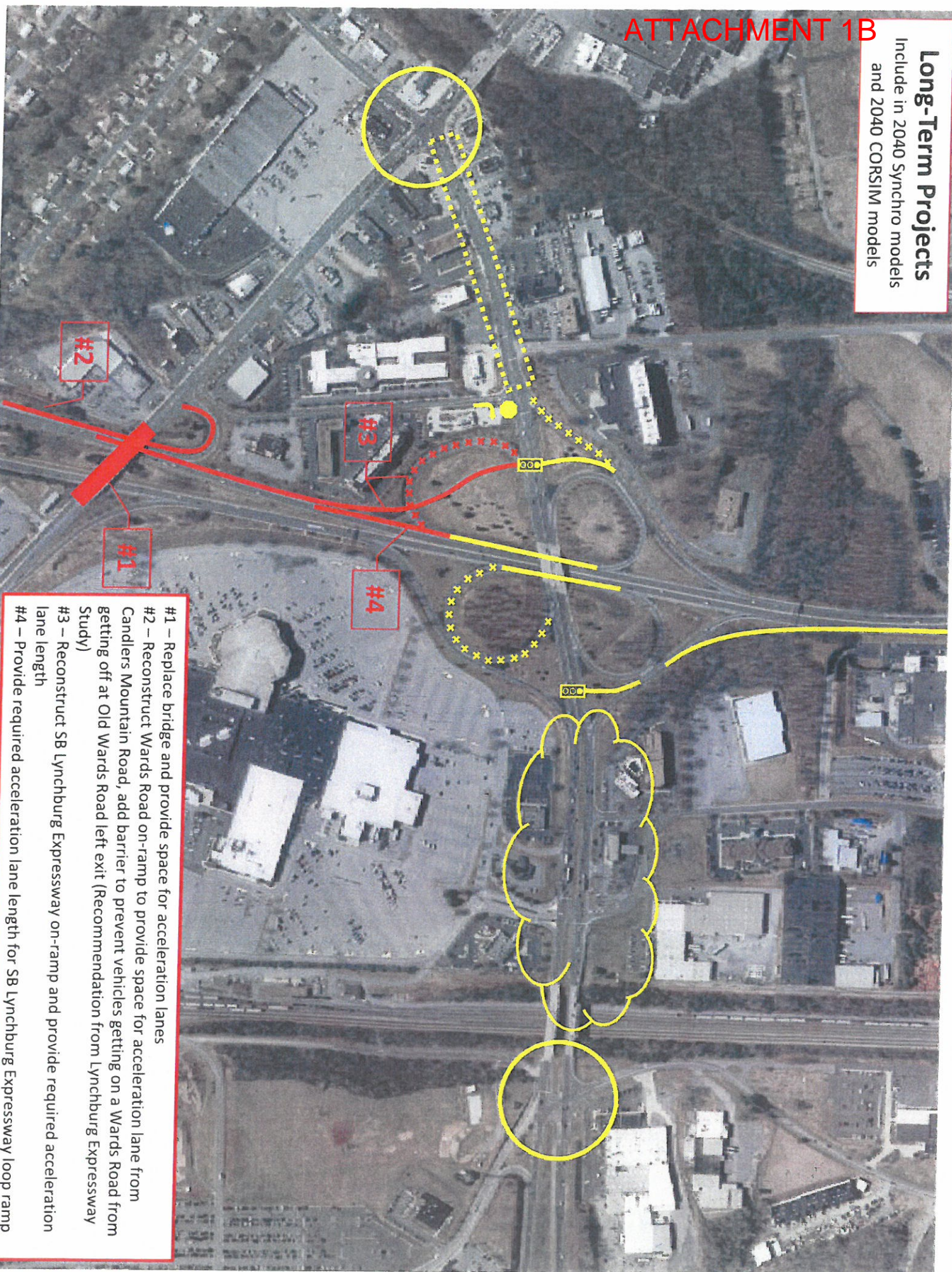
#1 – Replace bridge and provide space for acceleration lanes
#2 – Reconstruct Wards Road on-ramp to provide space for acceleration lane from Candlers Mountain Road, add barrier to prevent vehicles getting on a Wards Road from getting off at Old Wards Road left exit (Recommendation from Lynchburg Expressway Study)
#3 – Reconstruct SB Lynchburg Expressway on-ramp and provide required acceleration lane length
#4 – Provide required acceleration lane length for SB Lynchburg Expressway loop ramp

Region 2000 Motorist Congestion Survey

Summary Report for the Localities in Region 2000

April 2013

1

TABLE OF CONTENTS

Executive Summary

Conducting a survey of where Region 2000 residents meet congestion points will help transportation officials responsible for planning and improving roads, multi modal transportation means, buses and other features of the regional transportation system. The survey results will shed light on how the regional transportation system is being used and by whom. Conducting a congestion survey captures data on where people travelling in Region 2000 are being slowed by traffic.

Eleven questions were used to gauge the locations and causes of congestion points. Survey respondents were also given the opportunity to provide suggestions for how to alleviate congestion concerns. The "Data Collected" section provides all the survey question results as well as a discussion concerning their implications.

The survey results are meant to serve as a "street view" for transportation engineers and planners in Region 2000 who may not be astute to *all* transportation challenges encountered by citizens on a daily basis. This document is available to local officials as a planning tool to assist in future updates to the Transportation Improvement Program and Central Virginia Long Range Transportation Plan Year 2035 document.

The "Next Steps" section describes how Region 2000 staff and transportation officials will continue with this work effort. The groundwork for identifying congestion points through citizen response has been built through this work effort and could be used for future iterations of this survey.

Introduction

The Region 2000 Transportation Technical Committee expressed interest in a region-wide motorist congestion survey during a project identification discussion at the July 2012 regular meeting. The goal of this effort was that the results of the survey data could be used in conjunction with the VDOT transportation project prioritization matrix, the Transportation Improvement Program planning activities, and the Central Virginia Long Range Transportation Plan Year 2035 to better understand transportation needs in Region 2000. There is potential for the survey to evolve into an annual work effort in order to measure the effects of transportation improvements on the region's transportation system.

Region 2000 staff worked with the Transportation Technical Committee to identify questions that would reveal the most information about citizens' transportation challenges. Surveys from other MPOs—especially the Lee County MPO in Florida—assisted staff in making key decisions regarding questions and methodology.

This report contains sections on survey administration, methodology, survey results, and data interpretation.

Understanding the Results

A few points to keep in mind when reviewing this survey:

- *People with strong opinions fill out surveys*. Citizens with a strong opinion about congestion and the negative side effects thereof are most likely to have participated in this survey. Citizens that do not experience traffic congestion are less likely to take interest in a survey titled "Motorist Congestion Survey" and therefore readers shouldn't expect to see much praise for the Region's transportation system.

- *Technological and economical restrictions kept some citizens from accessing the survey*. Every survey—other than the decennial US Census—encounters this issue. There are simply not enough resources available to contact every citizen in the Region 2000 planning area. Therefore, this survey might not capture every major congestion point in the region. The public outreach methods used for this survey—including regional newspapers, televised news reports, and contact databases from each locality—might not have reached every citizen; but were the best outlets available for this effort.

Survey Administration

The survey questions were relayed to the public using SurveyMonkey—an online survey administration service. A press release was issued to area media outlets and the survey effort received both TV and Newspaper coverage courtesy of WDBJ7 and The News and Advance. Advertising the giveaway of five $20 gift certificates to Amazon.com was also used to increase survey participation. A description of the survey was sent to planning officials in all participating jurisdictions in order to localize the effort. The survey was also advertised on the Region 2000 Local Government Council website. The survey response window was open from October 29th through December 31st and in which 154 responses were received.

Data Collected

Figure 1 shows the locations of points where survey respondents reported encountering congestion. The points were mapped in Region 2000's GIS System and the associated attribute data can be found in the appendix. A unique identifier number was associated with each survey response so that transportation officials can review the comments with a visual point of reference. All data was transferred into a file type supported by Google Maps and is

available at the link below. The maps are meant to be used in conjunction with the data tables in the report. Viewers will be able to click on an ID (i.e. 80068) number on the Google Maps page (link below) and it will take them to the location listed in the survey response. Viewers can then examine the congestion alleviation suggestions, specific issues, and other related data related to that specific response from the tables in the Survey Responses section of this report.

http://maps.google.com/maps/ms?ie=UTF&msa=0&msid=204210958181283356505.0004d9f2e5fb10560a6a6
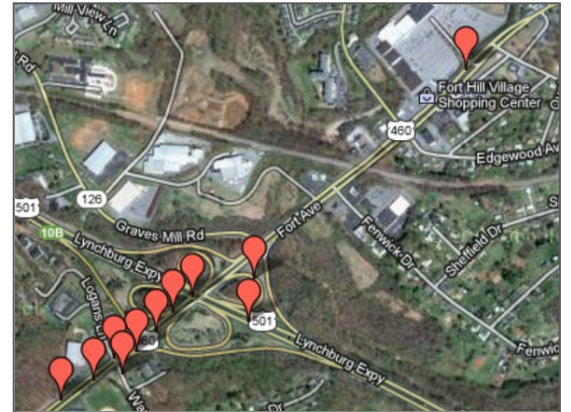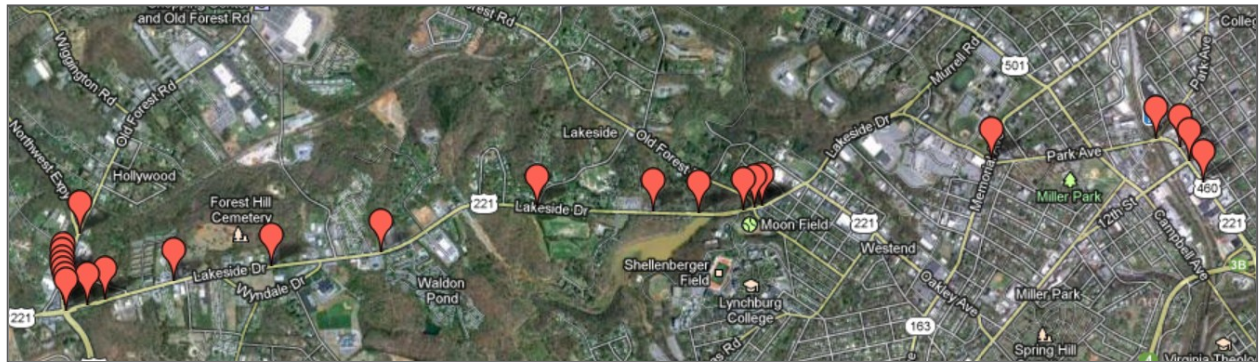
Congestion Points Mapped from Survey Responses (GIS)
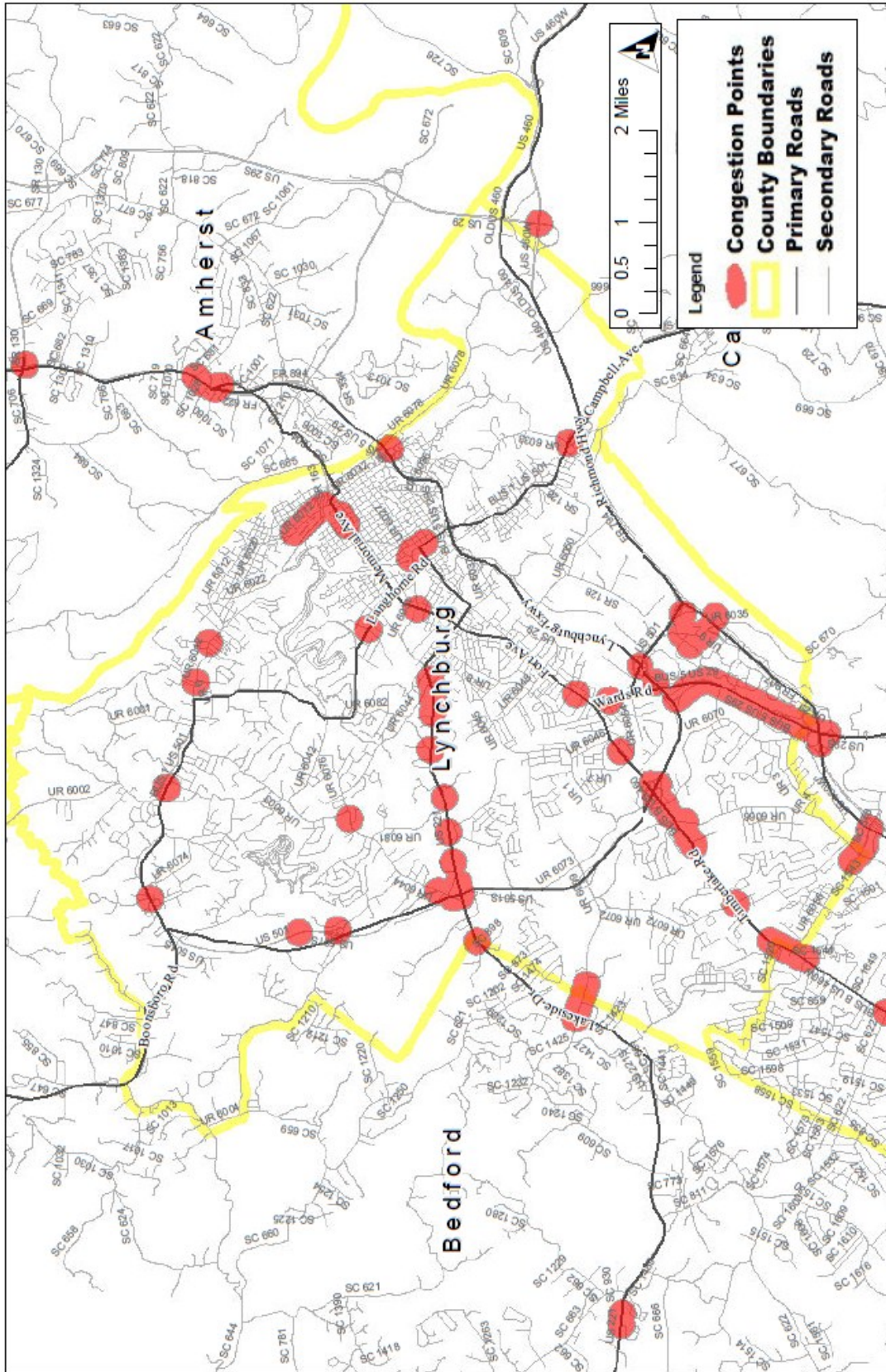
Survey Responses

The data section contains an analysis of each question as well as an interpretation of the responses.

Question 1:

Please enter your name and an email address where you can be reached. All participants of this survey will be entered into a drawing to win one of five $20 gift certificates to Amazon.com!

One hundred and fifty four citizens responded to the survey. Region 2000 Staff conducted a public participation outreach campaign that included multiple press releases that garnered newspaper articles and televised coverage, as well as website advertisement and distribution to the region's transportation officials network.

Question 2:
Where are you a resident? (Table 2)

	# of Responses	% of Total Responses
City of Lynchburg	62	40%
Campbell County--Timberlake Area	17	11%
Campbell County--Rustburg Area	14	9%
Bedford County--Forest Area	13	8%
Campbell County--Town of Altavista (in or just outside of Town)	8	5%
Campbell County--Other Rural Area	8	5%
Amherst County--Madison Heights Area	7	5%
Amherst County--Other Rural Area	7	5%
Bedford County--Other Rural Area	4	3%
Appomattox County--Other Rural Area	4	3%
Bedford County--Booonsboro Area	3	2%
Amherst County--Town of Amherst (in or just outside of Town)	2	1%
Appomattox County--Town of Appomattox (in or just outside of Town)	2	1%
Campbell County--Town of Brookneal (in or just outside of Town)	2	1%
Bedford County--City of Bedford (In or just outside City)	1	1%

Question 3:
What type of vehicle do you currently operate?
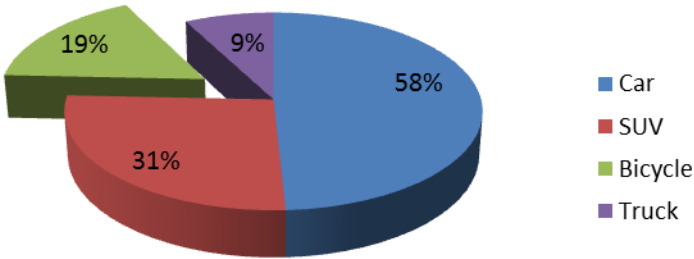
The motorist congestion survey was being conducted at the *same time* as the Region 2000 Bicycle and Pedestrian Survey. This explains the higher rate (19%) of respondents that claim a "Bicycle" as the type of vehicle that they currently operate.

According to the 2010 US Census, the overwhelming majority (92%) of Region 2000 citizens use a car, truck or van for their commute to work. Ten percent of those citizens used the car/van pool method for their commutes and less than 1 % use a bicycle as a primary means of transportation.

Figure 3 Region 2000 Transportation Means (2010 US Census)
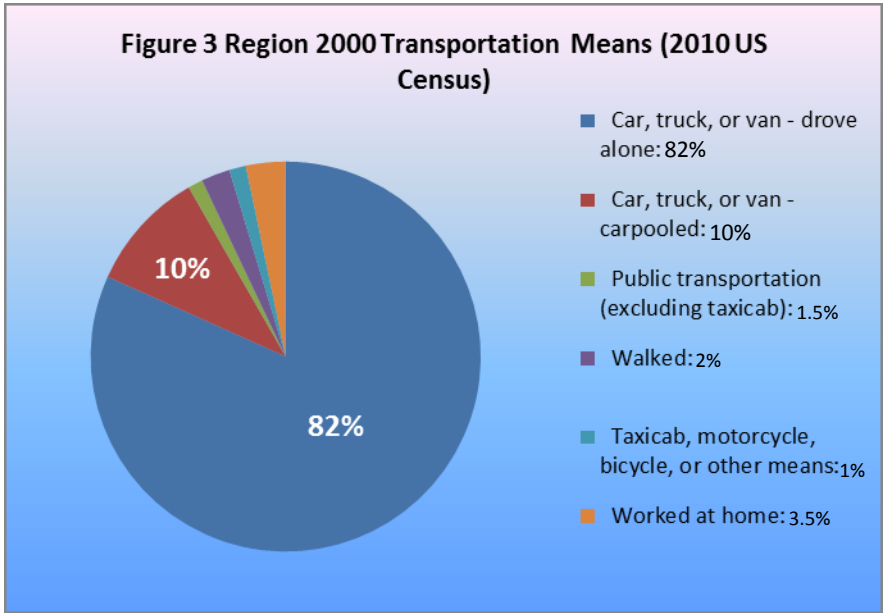
Question 4:

What is the purpose of the trip where you encounter congestion?
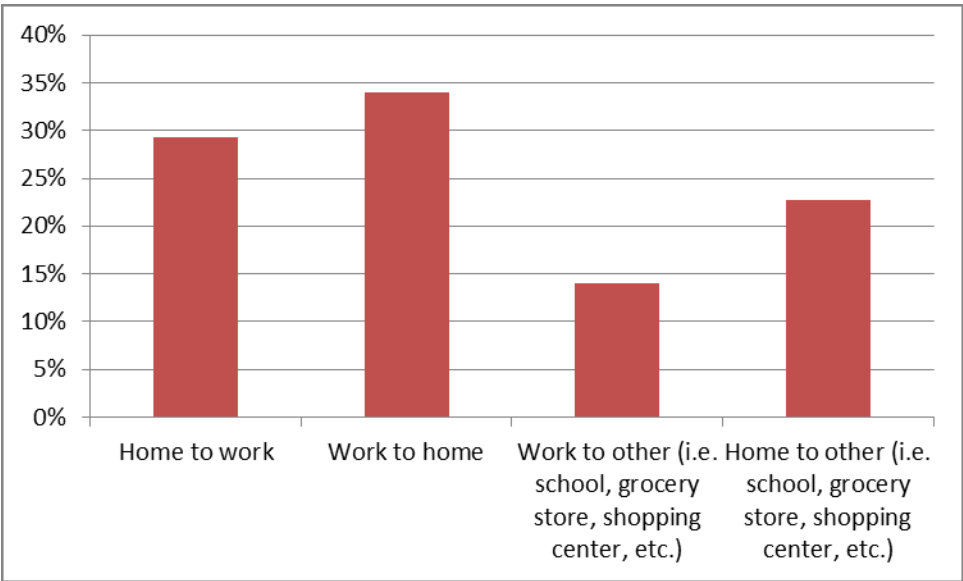
Survey respondents reported congestion mainly on their "Work to Home" trip (34%). A slightly smaller percentage (29%) of respondents reported a congestion point on their "Home to Work" trip. This suggests that congestion occurs more in the evening rush hour than in the morning rush hour. Results from Question 6— "Please indicate the time of day when congestion occurs"—supports this suggestion.

Question 5:

Location of traffic back up? (Street Name/Route Number/Nearest Landmark/Closest Cross Street/Mile Marker/Additional Description)

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80002	1501 Lakeside Dr	Lynchburg College	Old Forest Rd	
80003	2083 Colby Dr.	Virginia		
80004	221 and Expressway	Billy Craft Honda		
80005	221 between LC and 501 by-pass.	News and Advance	Forest Brook Road	

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80006	221 Graves Mill Road			
80007	460 Bypass	Liberty University	US29	Merging and exiting heavy traffic made for slowdowns and dangerous lane changes.
80008	501 S at Old Forest			
80009	501N Candlers Mt road on/off ramp	River Ridge Mall	Wards road	
80010	5th Street	Bittersweet on 5th Street	Clay Street	
80011	Airport Road/Greenview Drive/Leesville Road light.			
80012	Airport Road/Greenview Road at Leesville Road	Rt. 460 at Airport	Leesville Road	
80013	Amherst Hwy	Lowe's	Littleton Lane	
80014	Area near Miller Park, Wards Road, Timberlake, and Campbell Avenue			
80015	Boonsboro Road, Old Forest Road			
80016	Campbell Ave.			
80017	Candler's mountain Rd.	LCA and Hardee's		
80018	Candlers Mountain Rd.	River Ridge Mall		Between 460 and Expressway both directions morning and evening
80019	Candlers Mtn. Rd		US 460	
80020	Candlers Mtn. Rd.	Bridge	Mayflower Dr.	

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80021	Candlers Mtn. Road & 5th Street & 460 E/W	River Ridge Mall & downtown area & Jumbo Rest. area		
80022	Chandlers mountain roadway	Liberty University		
80023	Crossing the Expressway on Fort to Wards Timberlake	Vinny's on right	Exit ramp from Expressway, and Wards Ferry	2 signals within 100' of each other on Timberlake
80024	Downtown area, construction on Commerce and construction near bridge area			
80025	Expressway	Mall		Exit onto the expressway toward downtown
80026	Ferguson & Court St intersection			
80027	Florida Avenue as it intersects Campbell Avenue	Burger King		
80028	Forest Rd.	Forest Middle School	Ashwood Dr.	
80029	Forest Road	Graves Mill Center	Graves Mill Road	
80030	Forest Road	forest middle school		
80031	Fort Ave / Timberlake Rd		bridge over 501 / 29	
80032	Fort Ave @ intersection of 501 and near Wards Ferry	501 over pass/Fort Ave	Wards Ferry	Mainly in PM going west on business 460/ Fort Ave.
80033	Fort Ave to Timberlake Road - the whole way	From Crown Sterling to Wyndhurst		from 4 to 6:30 pm it is bumper to bumper

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80034	from Fort Avenue to Timberlake Road	Vinny's Restaurant	Graves Mill Road/501 passes underneath	where 501 exit ramp enters onto Timberlake Road
80035	Graves Mill	Kroger	Timberlake	exit from the grocery store onto Graves Mill is dangerous. Happens most all the time.
80036	Graves Mill		Old Graves Mill	
80037	Graves mill Road		Junction with 221 in Forest	Traffic backs up going to Forest from Graves mill to Enterprise Drive
80038	Graves Mill Road			
80039	Greenview DR intersection of Leesville road	Marsh Memorial UMC		
80040	Greenview Drive	Liberty University	Greenview Drive	Airport Road to Greenview Drive
80041	Greenview Drive	Leesville Road		
80042	Greenview Drive/Leesville Road			
80043	Kemper Street	U-Haul		
80044	Kemper Street and 12th Street			
80045	Kemper street mid town connector project			
80046	Kemper street, Memorial Ave			
80047	Lakeside	Lynchburg College		
80048	Lakeside Dr.	Lynchburg College to Route 221 intersection		

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80049	Lakeside Dr.			
80050	Lakeside Dr.	Billy Craft Honda	501	
80051	Lakeside Dr.			
80052	Lakeside Dr.	Lynchburg College	Old Forest Rd	
80053	Lakeside Drive	Lynchburg News and Advance	Moorman Drive	
80054	Langhorne Rd	Lynchburg General Hospital	Atherholt	
80055	Langhorne Road	E.C. Glass	Kemper Street	
80056	Leesville Rd		Waterlick Intersection at Moores	
80057	lower Rivermont Ave.	Ellington		more men standing around then working
80058	Lynchburg Expressway/Old Forest Rd	Honda Dealership, New Fresh Market	Lakeside Drive	Area from Lakeside drive to expressway turnoff
80059	Mainly Wards Road			
80060	McDonalds Restaurant Madison Heights			
80061	Oakdale Circle	Harley Davidson Store	Timberlake	
80062	Old Forest Road and Lakeside Drive	Billy Craft Honda	Lakeside Drive	
80063	Old Forest Rd	Honda dealer		
80064	Old Forest Rd.		Wiggington Rd.	Traffic backs up in this area during "rush hour".
80065	Old Forest Road	Billy Craft Honda	Lakeside Drive/Forest Road 221	backed up traffic from light on Old Forest from Lakeside to Monticello Ave

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80066	Old Forest Road			
80067	Old Forest Road to 501 North	Honda Dealership	221	
80068	Red House Road	Liberty Baptist Church, Appomattox	615 and 727	
80069	Richmond Highway	Liberty University	Candlers Mountain Road	East Bound 460/29 from Candlers Mountain Road onramp to Airport Road off-ramp
80070	Richmond Hwy	LU airport	29N bypass, 460E, 501S business	
80071	Rivermont Ave	Mikes Market	Bedford Ave	
80072	Rivermont Ave.	Wards Rd.		
80073	Rivermont Ave	endless construction		
80074	Rivermont Ave near the bridge	near Jones Memorial Library		
80075	Rivermont Ave.	The Villa	Riverside Drive	
80076	Rivermont Ave/anywhere and anytime on 5th street	The scary gas stations on lower Rivermont Ave.		Where all of the cars and houses are covered in dust and there are giant orange signs telling you to do two different things.
80077	Rivermont Avenue	The Cavalier Restaurant	Rowland Dr.	
80078	Rivermont Avenue	Miles Market		
80079	Rivermont Avenue	Rivermont Bridge		
80080	Rivermont Avenue			

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80081	Rivermont Avenue	Miles Market/Rivermont Avenue Baptist Church	Bedford Avenue	Rivermont Ave. between Bedford Ave. & 5th Street
80082	Route 29 Business in Madison Heights			
80083	route 29 Madison Heights	McDonalds		
80084	Royal Oak Drive and Boonsboro Rd.			
80085	Rt. 501 South (Lynchburg Expressway from Boonsboro) at Old Forest Rd.			
80086	South Amherst Hwy	Lowes		from Lowes to Big Lots
80087	throughout downtown Lynchburg			
80088	Timberlake	Heritage High School	Wards ferry	
80089	Timberlake		Wards Ferry	Coming off Expressway to turn on to Wards Ferry Rd
80090	Timberlake Rd			
80091	Timberlake Rd		Laxton Rd.	also exit from 29 to Timberlake Rd
80092	Timberlake Rd and Greenview Dr.	Brookville area		
80093	Timberlake rd.	Green view drive, Brookville, water lick shopping center		
80094	Timberlake Road	Brookville High School & Lowes		Between Laxton Road & Greenview Drive

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80095	Timberlake Road	Heritage Elementary School	Wards Ferry Road	Backed up on the exit ramp onto Timberlake from 501N through next few traffic lights
80096	Timberlake Road	Expressway Exit Ramp		
80097	Timberlake road	Kroger	Dreaming creek drive	
80098	Timberlake road		Leesville road	
80099	Timberlake Road	Kroger to Hardees		
80100	Timberlake, Wards Rd, Candler's, Old Forest			Brookville/Heritage, from 460 to Fort Ave., Liberty/mall interchanges, from Kroger to Expressway
80101	Village Highway	Hardee's	Campbell Highway	Near Intersection of Village, Campbell and Barricks Lane
80102	Wards Rd. and Timberlake Rd.	Wal-Mart area	Fort Ave	all the shopping center areas on Wards Rd.
80103	Wards Ferry Road	AMBEC	Atlanta Ave	
80104	Wards Rd	Wal-Mart and Target		
80105	Wards Rd	Cookout to Food lion, past airport		
80106	Wards Rd	Golden Corral		
80107	Wards Rd	Golden Corral		
80108	Wards Rd	Target/Wal-Mart/LU	Atlanta Ave	
80109	Wards Rd area			460 to Fort Ave
80110	Wards Rd.			
80111	Wards Road	Wal-Mart Intersection		

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80112	Wards Road			
80113	WARDS ROAD	STARTING AT MALL ENTRANCE TILL PAST AIRPORT ENTRANCE		ALL ALONG WARDS WORD TILL PAST AIRPORT ENTRANCE
80114	Wards Road			
80115	Wards Road	460 W ramp to Wards	Wards Ferry/Atlanta/CV CC	Whole corridor from Wards ferry to Candlers Mt. Rd.
80116	Wards Road			Mall to Target
80117	Wards road			
80118	Wards Road		English Tavern Rd and all the way into city	
80119	Wards Road			
80120	Wards Road	R.B Taylor, Bob Evans		U-turn lane in front of R.B. Taylor
80121	Wards Road	Wal-Mart		
80122	Wards Road	Wal-Mart		The corridor between Wards Ferry Road and Harvard Street
80123	Wards Road	All over the bulk of Wards Road where the strip malls and restaurants are.		This is not just a 5 PM thing....It is seldom not congested.
80124	Wards Road	City Limits	Atlanta Ave.	
80125	Wards Road	Liberty Un		
80126	Wards Road	Wal-Mart - Sheetz area		
80127	Wards Road		Lawyers Rd	

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
80128	Wards Road	Wal-Mart	Atlanta Ave.	
80129	Wards Road	Toyota showroom to Kohl's		
80130	Wards Road	Golden Corral / Bob Evans		
80131	Wards Road			Pretty much all day/ignore time below
80132	Wards Road	Texas Roadhouse	Harvard Street	
80133	Wards Road		Between Cook-Out and Kohl's shopping center	
80134	Wards Road	Wal-Mart		The Target Area to the Kmart area
80135	Wards Road	Wal-Mart & Liberty University	Harvard	
80136	Wards Road		Wards Ferry Road	
80137	Wards Road & 12th Street & Langhorne			
80138	Wards Road & also Candler's Mountain Road	Between Fort Avenue and HWY460 intersection - Between Wards Road and Liberty University		
80139	Wards Road & Lakeside Drive (heading to Wards/ Forest)			
80140	Wards road area	Wal-Mart	Fort Ave	all of Wards road area
80141	Wards/Candlers/Exp ressway			
80142	Waterlick Road and Timberlake Road	CVS	Timberlake Rd.	

ID	Street Name	Nearest Landmark	Closest Cross Street	Additional Description
	both east & west			
80143		Wingate Hotel	Candler's Mt. Road	Exit Ramp to Candlers Mt Road to Wingate Hotel, Snow Flex, etc.
80144				TRBC
80146		Intersection from 501 (to Boonsboro) and Old Forest Rd		
80148				29 South Business Thru Madison Heights
80149		Between Lakeside Drive and Kroger in Forest		
80150		Liberty University	Candlers Mtn Rd	right turning lane for Candlers Mt. Rd (extremely dangerous)
80151				Downtown and sometimes Madison Heights
80152		Rustburg High School & Long Mountain Grocery	intersection of 24 & 615	
80153		Food Lion in Rustburg	Intersection with Route 24 in Rustburg	

Detailed Descriptions of Congestion Points

| FID	Street Name	Nearest Landmark	Congestion Description
80032	Fort Ave @ intersection of 501 and near Wards Ferry	501 over pass/Fort Ave	Also right turn on red from cross streets, but signal timing!
80018	Candlers Mountain Rd.	River Ridge Mall	Backups both AM and PM between 5-5:30 pm 7:45-8:30AM
80152		Rustburg High School & Long Mountain Grocery	due to school traffic & workers commuting
80108	Wards Rd	Target/Wal-Mart/LU	failure to obey traffic laws
80015	Boonsboro Road, Old Forest Road		Feel Old Forest Road from Forest Road needs a center turn lane the entire length and a continuous sidewalk
80068	Red House Road	Liberty Baptist Church, Appomattox	frequent school bus stops
80076	Rivermont Ave/anywhere and anytime on 5th street	The scary gas stations on lower Rivermont Ave.	I think. They are replacing something? Widening something else? Repaving? I dunno.
80035	Graves Mill	Kroger	idiots that don't know how to yield.
80143		Wingate Hotel	Inadequate deceleration lane / lane storage
80122	Wards Road	Wal-Mart	Inadequate roads for development and student traffic
80057	lower Rivermont Ave.	Ellington	inefficient road work
80012	Airport Road/Greenview Road at Leesville Road	Rt. 460 at Airport	Insufficient number of lanes.
80103	Wards Ferry Road	AMBEC	it is a unsafe intersection
80028	Forest Rd.	Forest Middle School	It's not a back-up problem, it's a safety issue of people trying to turn left out of the middle school.
80141	Wards/Candlers/Express		Lack of acceleration lanes

FID	Street Name	Nearest Landmark	Congestion Description
	way		
80069	Richmond Highway	Liberty University	Lots of entering/exiting vehicles in this area at this time. I see traffic backed up on the Airport Rd exit, and often see inattentive drivers slamming on their brakes and cutting across from the left lane immediately to the exit lane.
80017	Candlers Mt. Rd.	LCA and Hardee's	LU police aren't very good at directing traffic
80030	Forest Road	forest middle school	Merging traffic from 2 lanes into 1. People don't want to wait so zoom passed merging cars and force way in
80011	Airport Road/Greenview Drive/Leesville Road light.		No right turn lane from Airport Road onto Leesville Rd or from Leesville Rd onto Greenview Dr.
80118	Wards Road		Not enough lanes into and out of city, south of city
80009	501N Candlers Mt road on/off ramp	River Ridge Mall	Parents taking their kids to LCA instead of school buses
80120	Wards Road	R.B Taylor, Bob Evans	People coming off the ramp, stop on the ramp until being able to get over into the U-turn in front of RV store
80101	Village Highway	Hardee's	People turning left into Hardee's are blocking the road
80125	Wards Road	Liberty Un	poor access to and from liberty
80084	Royal Oak Drive and Boonsboro Rd.		Poor visibility, two converging streets, JRDS drop off traffic
80130	Wards Road	Golden Corral / Bob Evans	Poorly designed intersection / no traffic light
80093	Timberlake rd.	Green view drive, Brookville, water lick shopping center	School
80137	Wards Road & 12th Street & Langhorne		School buses

FID	Street Name	Nearest Landmark	Congestion Description
80114	Wards Road		Too many junk shops and POOR Planning
80059	Mainly Wards Road		Too much driveway access

Congestion points were fairly concentrated in the corridors of Wards Road, Timberlake Road, and Lakeside Drive. Nearly thirty percent of respondents (43 out of the 154) reported a congestion point along Wards Road between the intersections of the Lynchburg Expressway and US 460. Fifteen percent of respondents (24) reported a congestion point along Lakeside Drive between the intersections of Memorial Avenue and Old Forest Road. Thirteen percent of respondents (21) reported a congestion point along Timberlake Road from the intersection of the Lynchburg Expressway west to the Lynchburg City Limit. Twelve percent of respondents (19) claimed that the congestion points occurred because of the construction efforts on Rivermont Avenue and 5th Street. Nine responses cited the construction on Candler's Mountain Road as a point of congestion. Six responses were recorded for the Greenview Drive/Leesville Road Intersection

Question 6:

Please indicate the time of day when congestion occurs.
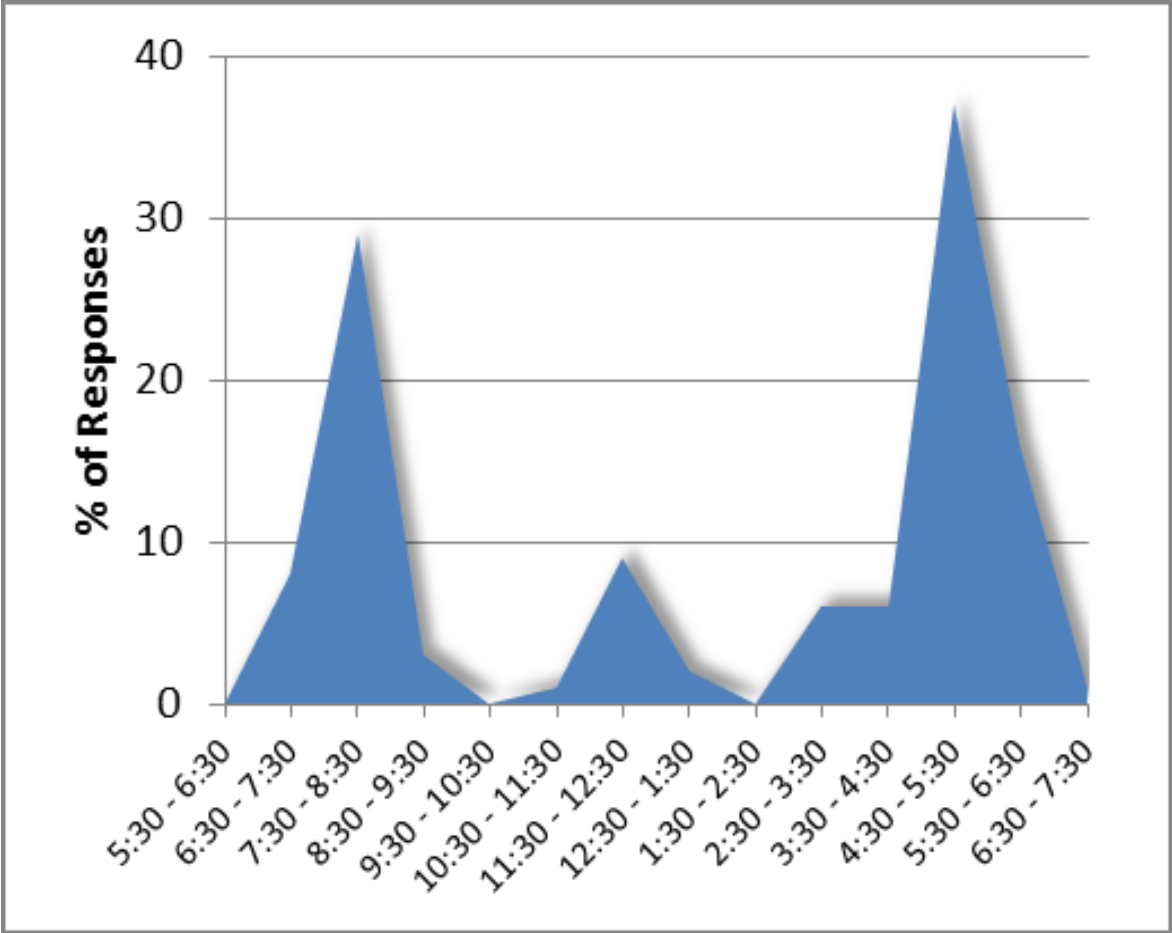
The survey results suggest that congestion was encountered at times of higher traffic volume (morning rush hour, lunch time, and evening rush hour). The time of day where respondents reported the most congestion was during the evening rush hour during the time of 4:30-5:30 (37 responses). The morning rush hour during the time of 7:30-8:30 received 29 reports of congestion. This pattern follows the work day schedule in which congestion occurs with higher traffic volumes.

Question 7:

Please indicate the day of the week that congestion occurs.
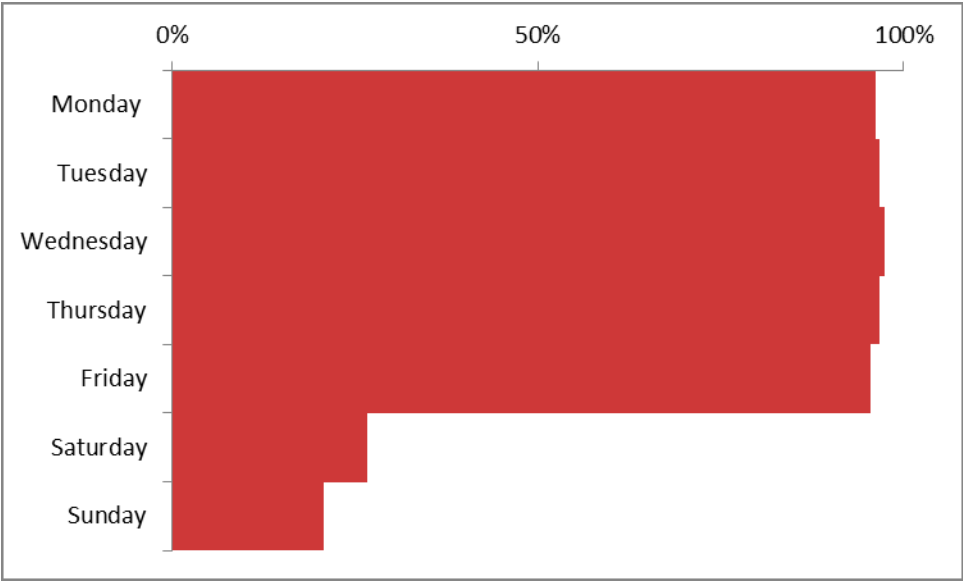
The survey responses suggest an equal distribution of congestion reports during the week days. Weekend congestion was reported in much smaller numbers (27% Saturday, 21% Sunday). Seventy percent of the weekend congestion reports were centered along the Wards Road corridor. This factor suggests that the heavy concentration of commercial development on Wards Road creates congestion on the weekends.

Question 8:

What is the cause of the back up?
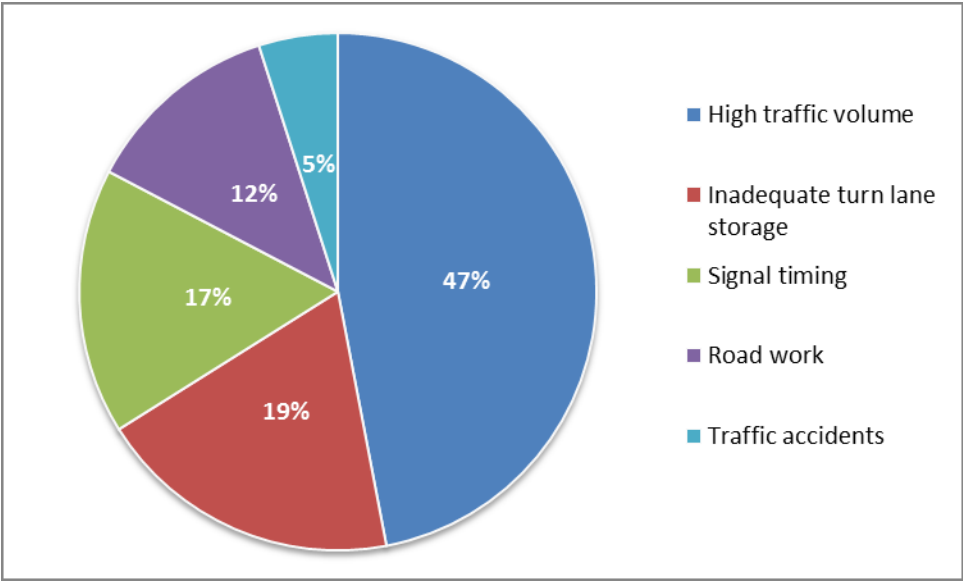
Additional Comments:

FID	Street Name	Nearest Landmark	Additional Congestion Causes
80009	501N Candlers Mt road on/off ramp	River Ridge Mall	Parents taking their kids to LCA instead of school buses
80011	Airport Road/Greenview Drive/Leesville Road light.		No right turn lane from Airport Road onto Leesville Rd or from Leesville Rd onto Greenview Dr.
80012	Airport Road/Greenview Road at Leesville Road	Rt. 460 at Airport	Insufficient number of lanes.
80015	Boonsboro Road, Old Forest Road		Feel Old Forest Road from Forest Road needs a center turn lane the entire length and a continuous sidewalk
80017	Candler's Mt. Rd.	LCA and Hardee's	LU police aren't very good at directing traffic
80018	Candlers Mountain Rd.	River Ridge Mall	Backups both AM and PM between 5-5:30 pm 7:45-8:30AM
80028	Forest Rd.	Forest Middle School	It's not a back-up problem, it's a safety issue of people trying to turn left out of the middle school.

80030	Forest Road	forest middle school	Merging traffic from 2 lanes into 1. People don't want to wait so zoom passed merging cars and force way in
80032	Fort Ave @ intersection of 501 and near Wards Ferry	501 over pass/Fort Ave	Also right turn on red from cross streets, but signal timing!
80035	Graves Mill	Kroger	idiots that don't know how to yield.
80057	lower Rivermont Ave.	Ellington	inefficient road work
80059	Mainly Wards Road		Too much driveway access
80068	Red House Road	Liberty Baptist Church, Appomattox	frequent school bus stops
80069	Richmond Highway	Liberty University	Lots of entering/exiting vehicles in this area at this time. I see traffic backed up on the Airport Rd exit, and often see inattentive drivers slamming on their brakes and cutting across from the left lane immediately to the exit lane.
80076	Rivermont Ave/anywhere and anytime on 5th street	The scary gas stations on lower Rivermont Ave.	I think. They are replacing something? Widening something else? Repaving? I dunno.
80084	Royal Oak Drive and Boonsboro Rd.		Poor visibility, two converging streets, JRDS drop off traffic
80093	Timberlake rd.	Greenview drive, Brookville, Waterlick shopping center	School
80101	Village Highway	Hardee's	People turning left into Hardee's are blocking the road
80103	Wards Ferry Road	AMBEC	it is a unsafe intersection
80108	Wards Rd	Target/Wal-Mart/LU	failure to obey traffic laws
80114	Wards Road		Too many junk shops and POOR Planning
80118	Wards Road		Not enough lanes into and out of city, south of city
80120	Wards Road	R.B Taylor, Bob Evans	People coming off the ramp, stop on the ramp until being able to get over into the

			U-turn in front of RV store
80122	Wards Road	Wal-Mart	Inadequate roads for development and student traffic
80125	Wards Road	Liberty Un	poor access to and from liberty
80130	Wards Road	Golden Corral / Bob Evans	Poorly designed intersection / no traffic light
80137	Wards Road & 12th Street & Langhorne		School buses
80141	Wards/Candlers/Express way		Lack of acceleration lanes
80143		Wingate Hotel	Inadequate deceleration lane / lane storage
80152		Rustburg High School & Long Mountain Grocery	due to school traffic & workers commuting

What specific actions would you suggest to alleviate this back up?
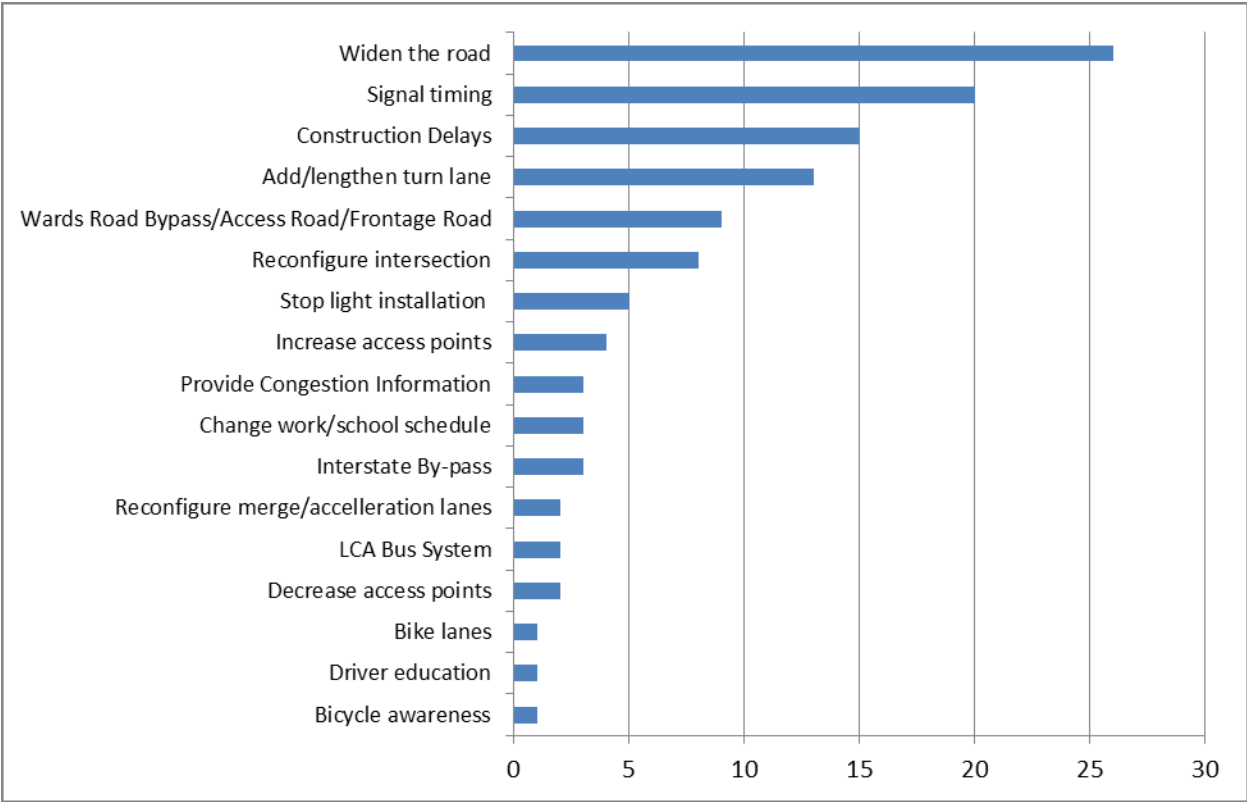
Congestion alleviation techniques come in all forms. Individual travel behavior as well as persuasive use of governmentla power of land use decisions can play a vital role in eliminating congestion points. "Building out" of congestion problems works temporarily but doesn't really get to the root of the problem. There is no alleviation method that works in every situation as each congestion point needs to viewed individually.

"Widening the road" was the most popular alleviation method suggested by survey respondents. Although widening the road may temporarily fix a congestion point, it is not a sustainable solution. Addressing signal timing is an alleviation method that has already been reviewed in certain areas of Lynchburg with excellent results.

The specific alleviation methods for each congestion point can be viewed in the following pages.

Specific Comments

FID	Street Name	Nearest Landmark	Suggestion
80002	1501 Lakeside Dr.	Lynchburg College	Not sure...this is a tough one
80003	2083 Colby Dr.	Virginia	make an interstate type cross over between 29 bypass and 401 (Lynchburg expressway)
80004	221 and Expressway	Billy Craft Honda	Widen the road!
80005	221 between LC and 501 by-pass.	News and Advance	The area from LC to 501 by-pass needs to be four lanes, like it is after you pass Billy Craft Honda.
80007	460 Bypass	Liberty University	Different workplace quitting times.
80008	501 S at Old Forest Rd		Increase turn lane to LCA/Liberty or increase access points
80009	501N Candlers Mt road on/off ramp	River Ridge Mall	Make parents or LCA offer buses for free
80010	5th Street	Bittersweet on 5th Street	less road work
80011	Airport Road/Greenview Drive/Leesville Road light.		Create a right turn lane in both locations
80012	Airport Road/Greenview Road at Leesville Road	Rt. 460 at Airport	Need to add one more lanes for traffic going straight across Leesville Road at traffic light.
80014	Area near Miller Park, Wards Road, Timberlake, and Campbell Avenue		When they work on these areas maybe they should work on these areas when school is out

FID	Street Name	Nearest Landmark	Suggestion
80015	Boonsboro Road, Old Forest Road		More center turn lanes - Boonsboro area Kroger and Boonsboro Shopping Center (stop residential development)
80016	Campbell Ave.		everyone drive the speed limit and stop texting and window shopping.
80017	Candler's Mt. Rd	LCA and Hardee's	Change LCA departure issue
80019	Candlers Mt. Rd		Stop Light installation
80020	Candlers Mtn. Rd.	Bridge	Turn lane going into the mall should have been extended onto the bridge when it was reconstructed. Bad planning.
80023	Crossing the Expressway on Fort to Wards Timberlake	Vinny's on right	The green lights for Timberlake could last longer. Seems like they turn red very quickly - if I am on a side road, I don't mind waiting longer if it keeps the main traffic flow moving better.
80024	Downtown area, construction on Commerce and construction near bridge area		Finish construction in a more realistic manner of time or do work during night hours
80027	Florida Avenue as it intersects Campbell Avenue	Burger King	Change in timing of stop light to allow more turns onto Campbell Avenue
80028	Forest Rd.	Forest Middle School	There needs to be a traffic signal here.
80030	Forest Road	forest middle school	Police routine watch, make 221 four lanes
80031	Fort Ave / Timberlake Rd		Timing of the lights
80032	Fort Ave @ intersection of 501 and near	501 over pass/Fort Ave	Signal timing and limit time of right turn on red say between 4-6pm

FID	Street Name	Nearest Landmark	Suggestion
	Wards Ferry		
80033	Fort Ave to Timberlake Road - the whole way	From Crown restaurant to Wyndhurst	reconfigure the on and off ramps and turning lanes
80034	from Fort Avenue to Timberlake Road	Vinny's Restaurant	I have no clue, just providing congestion information to you.
80035	Graves Mill	Kroger	require left turn only at first exit and right turn from rear exit near recycle bins
80036	Graves Mill		Review of timing for signals. It seems maybe Graves Mill should "flow" longer inbound in the cycle during morning rush
80037	Graves mill Road		Could a route be made from 460 to Forest to reduce traffic on 221
80038	Graves Mill Road		create more efficient light timing
80039	Greenview DR intersection of Leesville road	Marsh Memorial UMC	put in a turn lane to turn right on Leesville
80041	Greenview Drive	Leesville Road	Better signal timing
80042	Greenview Drive/Leesville Road		A dedicated right turn lane, a dedicated straight lane, and a dedicated left hand turn lane
80043	Kemper Street	U-Haul	To do one project at a time
80044	Kemper Street and 12th Street		Educating citizens on biking
80046	Kemper street, memorial Ave.		Stop doing so much road work at one time
80048	Lakeside Dr.	Lynchburg College to Route 221 intersection	That entire section of Lakeside Drive that is currently 2 lanes really needs to be 4 lanes to accommodate the volume of traffic on that

FID	Street Name	Nearest Landmark	Suggestion
			section of road
80050	Lakeside Dr.	Billy Craft Honda	I don't know
80051	Lakeside Dr.		Widen the road
80052	Lakeside Dr.	Lynchburg College	Widen Lakeside Dr.
80053	Lakeside Drive	Lynchburg News and Advance	4 lanes
80055	Langhorne Road	E.C. Glass	Finish the roadwork a.s.a.p.!
80056	Leesville Rd		Currently there is only one lane for forward and left turn traffic, need a specific lane for left turn traffic.
80057	lower Rivermont Ave.	Ellington	work and don't stand around like your confused
80058	Lynchburg Expressway/Old Forest Rd	Honda Dealership, New Fresh Market	Separate through-expressway traffic from local traffic
80059	Mainly Wards Road		Close off driveways, enter from rear feeder
80060	McDonalds Restaurant Madison Heights		unsure
80061	Oakdale Circle	Harley Davidson Store	There is a stop sign before Timberlake and only 3 cars can get through it. Light needs to last longer
80063	Old Forest Rd	Honda dealer	Signal timing, maybe even another side road that goes from Old Forest Rd to 221(right).
80064	Old Forest Rd.		Longer turn lanes for Wiggington Rd. and 501 by-pass.
80065	Old Forest Road	Billy Craft Honda	more green light time for 501, less green light time for Lakeside Drive/Forest Rd 221

FID	Street Name	Nearest Landmark	Suggestion
80067	Old Forest Road to 501 North	Honda Dealership	More lanes?
80068	Red House Road	Liberty Baptist Church, Appomattox	allow buses to pull off road just enough for vehicles to pass
80069	Richmond Highway	Liberty University	Construct additional lane or improve flow of entering/exiting traffic, reduce Liberty University access
80070	Richmond Hwy	LU airport	additional lane width
80071	Rivermont Ave	Mikes Market	Have road workers allow for 5 min of traffic to go from each directional lane and take turns not just let all the traffic heading west go for 10-15 min then work on the road then let east bound traffic go until clear
80072	Rivermont Ave.	Wards Rd.	increase lanes
80074	Rivermont Ave near the bridge	near Jones Memorial Library	just complete the project
80075	Rivermont Ave.	The Villa	More signals. It's hard for traffic on side streets to get onto Rivermont, being a (mostly) two-lane road with a ton of traffic headed downtown.
80076	Rivermont Ave/anywhere and anytime on 5th street	The scary gas stations on lower Rivermont Ave.	I have no suggestions; I am not a construction worker. Do what you need to do. I just appreciate it when the workers smile and wave back. (But seriously 5th street is a pain in the tail. Can't all of the workers fix one site then move into the next so there aren't five separate areas of the city affected by delays?)
80077	Rivermont Avenue	The Cavalier Restaurant	change the light timers. when one at Princeton turns red, the other at Rivermont terrace turns green and you can't make a left turn from Rowland onto Rivermont. Traffic is always coming from one direction or the other.
80078	Rivermont	Miles Market	Post signs "Expect Long Delays"

FID	Street Name	Nearest Landmark	Suggestion
	Avenue		
80080	Rivermont Avenue		Roadwork on this road has been going on for about 1 1/2 years. It has been continuous and is very annoying for it to be going on so long.
80081	Rivermont Avenue	Miles Market/Rivermont Avenue Baptist Church	With the bridge work and now the road work, construction in this area has been going on for a VERY LONG TIME and alternate routes (5th Street) are torn-up as well
80082	Route 29 Business in Madison Heights		don't know
80083	route 29 Madison Heights	McDonalds	add bigger turning lanes
80084	Royal Oak Drive and Boonsboro Rd.		Morning traffic signal, better access to turn lane
80086	South Amherst Hwy	Lowes	Time the lights a little better so that once you go through one stop light, you will be able to go through at least two more before being stopped again.
80088	Timberlake	Heritage High School	Need to have a connecting road from the 501S & Wards Rd exit to Wards ferry
80089	Timberlake		Make left turn signal at Timberlake on to Wards Ferry longer with Timberlake at the exit ramp still having red light. That allows more turning traffic to get off the ramp
80090	Timberlake Rd		More lanes
80091	Timberlake Rd		Maybe Signal Timing
80093	Timberlake rd.	Green view drive, Brookville, water lick shopping center	Not sure
80094	Timberlake Road	Brookville High School & Lowes	Lengthen turn lane and signal timing

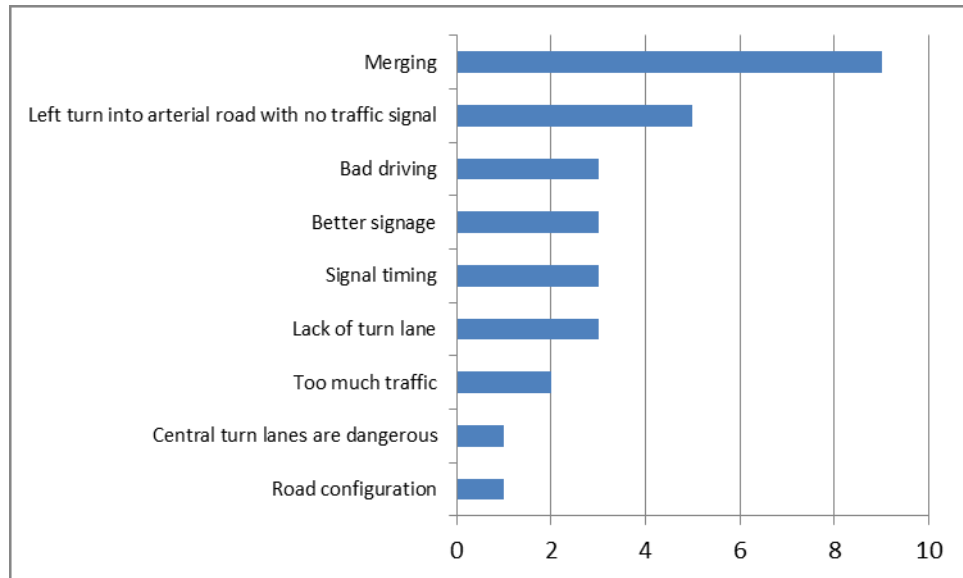| FID	Street Name	Nearest Landmark	Suggestion
80095	Timberlake Road	Heritage Elementary School	Additional lanes?
80096	Timberlake Road	Expressway Exit Ramp	adjust light timing
80098	Timberlake road		additional road lanes
80099	Timberlake Road	Kroger to Hardees	Wish I had an idea!
80100	Timberlake, Wards Rd, Candler's, Old Forest		finish construction, teach drivers how to merge properly, lack of acceleration lanes, red light enforcement
80101	Village Highway	Hardee's	Hardee's entrance should be right in only
80102	Wards Rd and Timberlake Rd	Wal-Mart area	bypasses around shopping area, better turning lanes also more lanes for traffic
80103	Wards Ferry Road	AMBEC	Traffic light, One way or resident only use
80104	Wards Rd	Wal-Mart and Target	add additional lanes
80105	Wards Rd	Cookout to Food lion, past airport	more lanes, longer lights
80106	Wards Rd	Golden Corral	Roadways, ramps that run parallel to Wards rd. Roads that would be comparable to big cities. Alternative routes to bypass Wards rd.
80107	Wards Rd	Golden Corral	Roadways, ramps that run parallel to Wards rd. Roads that would be comparable to big cities. Alternative routes to bypass Wards rd.
80108	Wards Rd	Target/Wal-Mart/LU	increased police enforcement, block LU entrance at Sonic
80109	Wards Rd. area		timing of lights to accommodate the volume of traffic a roadway that can handle the amount of traffic
80110	Wards Rd.		bike lanes

FID	Street Name	Nearest Landmark	Suggestion
80111	Wards Road	Wal-Mart Intersection	Longer turning lanes, better light sequencing
80112	Wards Road		Most congestion is due to people going home around 5 pm and students driving around the LU area. I'm not sure how to address it
80113	WARDS ROAD	STARTING AT MALL ENTRANCE TILL PAST AIRPORT ENTRANCE	SEQUENCE LIGHTS FROM MALL TO AIRPORT
80114	Wards Road		I NEVER got there anymore. QUIT BUILDING
80116	Wards Road		Frontage road on shopping area side
80117	Wards road		Take out cross over with lights
80118	Wards Road		Either add lanes from south of city or build by-pass from English Tavern Rd and connect to present 460 by-pass somewhere around Liberty or further north
80120	Wards Road	R.B Taylor, Bob Evans	Close the U-turn lane so people go to the light in front of Chic-fil-A
80121	Wards Road	Wal-Mart	get another entrance for Liberty
80122	Wards Road	Wal-Mart	This needs to be a six-lane stretch. When it was upgraded to 4 lanes a long time ago, that was before all of the existing development.
80123	Wards Road	All over the bulk of Wards Road where the strip malls and restaurants are.	I'm not sure if there is room for another lane on both sides of Wards Rd, but maybe easier access to some of the back roads for a shortcut.
80124	Wards Road	City Limits	Study signal timing
80125	Wards Road	Liberty University	Put in a culvert and expand the lanes: address the Liberty entrance & exit: Who thought that was a good idea? The road cannot support the volume
80126	Wards Road	Wal-Mart-Sheetz area	Make more lanes on Route 29
80128	Wards Road	Wal-Mart	Need to try to design some type of access road if poss.

FID	Street Name	Nearest Landmark	Suggestion
80129	Wards Road	Toyota showroom to Kohl's	Service roads to access shopping centers. Close entrance to LU at Sonic. Extra lane added to the main road.
80130	Wards Road	Golden Corral / Bob Evans	Redesign intersection or/and install traffic light or build service road to Chick-Fil-A / Sheetz traffic light.
80131	Wards Road		This survey really needs to be redone ... I cannot easily give my input with the questions asked.
80132	Wards Road	Texas Roadhouse	Lengthen the turn lane
80133	Wards Road		I honestly have no idea other than adding additional lanes but I don't think there is enough room for that.
80135	Wards Road	Wal-Mart & Liberty University	Create an access road for shopping centers so that through traffic is not impacted
80138	Wards Road & also Candler's Mountain Road	Between Fort Avenue and HWY460 intersection - Between Wards Road and Liberty University	More lanes
80139	Wards Road & Lakeside Drive (heading to Wards Forest)		It would be great if both Wards Road and Lakeside (in certain spots) were widened
80140	Wards road area	Wal-Mart	more line \ bypass highway around the shopping centers
80141	Wards/Candlers/Expressway		Fix acceleration lanes on expressway
80142	Waterlick Road and Timberlake Road both east & west	CVS	widen turn lane, lengthen signal time
80143		Wingate Hotel	extension of the off ramp, warning light for potential risk of stopped or slow moving vehicles, reduced speed limit
80144			more exits, more connecting lanes to other

FID	Street Name	Nearest Landmark	Suggestion
			roads.
80146		Intersection from 501 (to Boonsboro) and Old Forest Rd	3rd lane
80148			Change signal timing so traffic is not stopped on Rt 29 so frequently. Lots of gas and time is being wasted due to this.
80150		Liberty University	Liberty needs to stop accepting higher enrollment numbers
80152		Rustburg High School & Long Mountain Grocery	Reschedule time of Rustburg schools time of arrival for buses/students to 8:30 AM.
80153		Food Lion in Rustburg	None other than move the intersection
80154			More connections to 29 Bypass

Question 10:

If you have difficulty maneuvering your vehicle in certain roadways please list the locations and the types of movements you have problems executing (Open Ended Response)

Detailed Responses

FID	Street Name	Nearest Landmark	Specific problem
80003	2083 Colby Dr.		Merging
80005	221 between LC and 501 by-pass.	News and Advance	Only two lanes and people turning slows the traffic down. The light at Forest Brook creates a bottle neck.
80009	501N Candlers Mt road on/off ramp	River Ridge Mall	
80011	Airport Road/Green view Drive/Leesvi lle Road light.		see above

| FID	Street Name	Nearest Landmark	Specific problem
80015	Boonsboro Road, Old Forest Road		Dangerous turning out of the Boonsboro Shopping Center
80018	Candlers Mountain Rd.	River Ridge Mall	Getting onto Expressway. short or no on ramps either direction
80020	Candlers Mtn. Rd.	Bridge	Timberlake Rd./Greenview Dr. should be green arrow only and turn lanes extended.
80028	Forest Rd.	Forest Middle School	It is dangerous in the mornings and afternoons to make a left turn out of Forest Middle School.
80041	Greenview Drive	Leesville Road	Can't move due to light not appropriately managing the traffic.
80049	Lakeside Dr.		need better signage for right or left turn only lanes
80056	Leesville Rd		Exit onto Wards Rd from 460 W....doesn't come out at a light and impossible to U-turn at Golden Corral crossing when high traffic volume
80075	Rivermont Ave.	The Villa	A light at Riverside onto Rivermont would be helpful. There are so many people living back there, and it is hard to see to make a left from Riverside. Many people cut through to Vista, where it's easier to make a left. I'm sure it drives the residents crazy, and it is a tiny, tiny road.
80076	Rivermont Ave/anywhere and anytime on 5th street	The scary gas stations on lower Rivermont Ave.	
80077	Rivermont Avenue	The Cavalier Restaurant	Langhorne Road from Rivermont by Villa Maria- very difficult to see walkers on sidewalk unless you pull all the way up to the street, past the white stop line. And then you could hit them. There's a hedge there around Villa Maria, plus a curve in the sidewalk
80078	Rivermont Avenue	Miles Market	All types
80088	Timberlake	Heritage High School	Most intersections do not have turn lanes. Greenview Dr. and Leesville Rd

FID	Street Name	Nearest Landmark	Specific problem
80095	Timberlake Road	Heritage Elementary School	Merging onto Timberlake
80100	Timberlake, Wards Rd, Candler's, Old Forest		merging onto/off of the Expressway
80102	Wards Rd. and Timberlake Rd.	Wal-Mart area	everything in the Wards Rd area is too much traffic
80103	Wards Ferry Road	AMBEC	Even crossing Wards Ferry is dangerous
80113	WARDS ROAD	STARTING AT MALL ENTRANCE TILL PAST AIRPORT ENTRANCE	SHORTNESS OR LENGTH OF TURN LIGHT AT MALL ENTRANCE
80114	Wards Road		Just driving straight......
80120	Wards Road	R.B Taylor, Bob Evans	Merging into traffic
80121	Wards Road	Wal-Mart	need to get into right lane to get on Expressway
80122	Wards Road	Wal-Mart	Getting from the 460 West off-ramp onto 29 North Bus and trying to get in the far left lane to turn is nearly impossible
80123	Wards Road	All over the bulk of Wards Road where the strip malls and restaurants are.	Most people in Lynchburg do not understand the concept of merge. You unfortunately, cannot fix that.
80125	Wards Road	Liberty University	no problem maneuvering just moving
80129	Wards Road	Toyota showroom to	Difficulty understanding road signs in the Kohl's shopping center. A lot of trouble to get out of the shopping center

| FID	Street Name	Nearest Landmark	Specific problem
		Kohl's	"legally."
80138	Wards Road & also Candler's Mountain Road	Between Fort Avenue and HWY460 intersection - Between Wards Road and Liberty University	Just slow - especially with construction
80143		Wingate Hotel	n/a
80148			Center turn lanes throughout area are very dangerous.
80152		Rustburg High School & Long Mountain Grocery	Just rude drivers that won't let you enter the highway from a public business at busy times of day at intersection of 501 & 24 in Rustburg at BB&T Bank.
80153		Food Lion in Rustburg	N/A

The specific problems identified by survey respondents can be categorized into four main categories: human error (i.e. 80123), lack of signage/traffic signal (i.e. 80129), shortness/lack of merging lanes (80095), and dangerous intersections (i.e. 80015).

Question 11:

When you depart for your trip, do you use any real time traffic information to plan your trip?
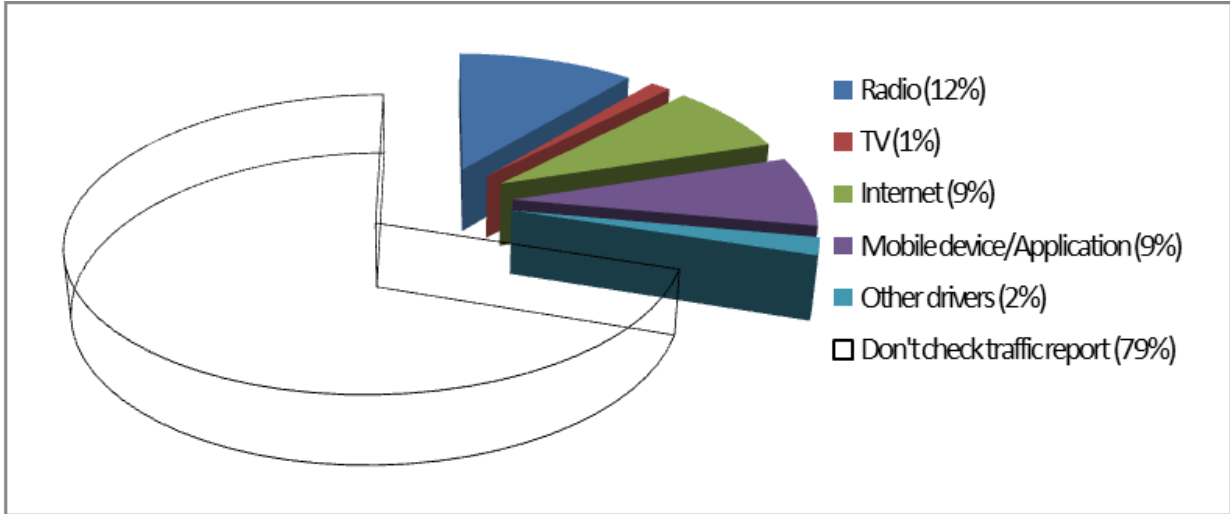
A little over 20% of Region 2000 commuters check traffic information before they set out for their daily commutes. This low number can be attributed to the relatively short commute times that Region 2000 commuters encounter (see below)
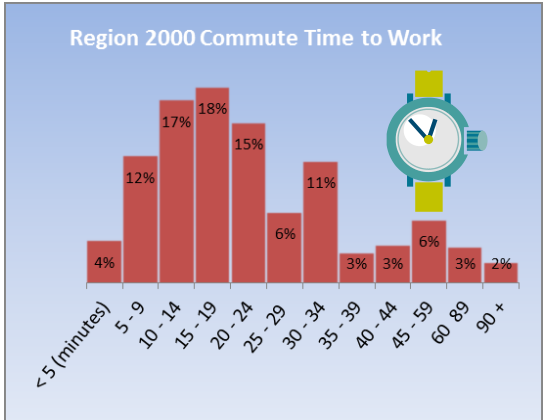
2010 US CENSUS

Next Steps

The Region 2000 Motorist Congestion Survey gave citizens the platform to voice concerns over specific congestion points they encounter on a day to day basis and to make suggestions on how to alleviate those concerns. The suggestions range from individual behavioral changes, persuasive use of governmental power over land use decisions, and changes to the institutional structure. These suggestions should be used alongside proven alleviation techniques to tackle specific congestion points.

1. Transportation officials should use this document as a planning tool for future updates to the Central Virginia Long Range Transportation Plan Year 2035, the Transportation Improvement Program, and transportation project prioritization processes.

2. Transportation officials should examine "low hanging fruit" alleviation measures suggested by survey respondents.

3. Transportation officials should work together with Region 2000 staff to identify specific corridors they believe should be studied for specific alleviation methods.

Email to Constituents:

From: Philipp Gabathuler [mailto:pGabathuler@region2000.org]

Greetings,

Please take a moment to participate in the regional transportation surveys available on the Local Government Council webpage! Please forward this message to groups and individuals as you see fit. Thank you for your assistance in collecting data for this effort!

The Region 2000 Local Government Council (LGC) and its member localities – Amherst, Appomattox, Campbell, and Bedford counties, the towns of Altavista, Amherst, and Appomattox, and Lynchburg and Bedford cities –will launch two on-line transportation surveys to assess current conditions and identify needs from our local motorists, pedestrians, and bicyclists' perspective

The surveys are available on the LGC website: www.region2000.org/lgc

Both surveys will allow local residences to provide detailed information on specific transportation needs within the areas of Region 2000 that they live, work, go to school, or travel most often. The results of the surveys will assist the LGC, the Central Virginia Metropolitan Planning Organization (CVMPO), and localities in prioritizing needs and developing strategies to ensure a safe, efficient, and balanced transportation system.

Please attend one of the pending open houses regarding the Region 2000 Motorist Congestion Survey and the Pedestrian and Bicycle Needs Survey. The open houses will be held:

Tuesday, November 27th, 2012   Thursday, November 29th, 2012
5 – 6:30 pm   5 – 6:30 pm
Forest Public Library   Lynchburg Public Library
15583 Forest Road   2315 Memorial Ave.
Forest, VA   Lynchburg, VA

Tuesday, November 27th, 2012   Thursday, November 29th, 2012
5 – 6:30 pm   5 – 6:30 pm
Appomattox Public Library   Campbell County Public Library
157 Main Street   684 Village Highway
Appomattox, VA   Rustburg, VA

To learn more about Motorist Congestion Survey, contact: To learn more about the Bicycle/Pedestrian Survey, contact:

Philipp Gabathuler   Kelly Hitchcock
Planner/GIS Coordinator   Senior Planner
(434)845-5678 ext. 217   (434)845-5678 ext. 218
pgabathuler@region2000.org   khitchcock@region2000.org

Region 2000 Local Government Council

Coordinates Transportation Needs Surveys

FOR IMMEDIATE RELEASE
November 1, 2012

The Region 2000 Local Government Council (LGC) and its member localities - Amherst, Appomattox, Campbell, and Bedford counties, the towns of Altavista, Amherst, and Appomattox, and Lynchburg and Bedford cities - have launched two on-line transportation surveys to assess current conditions and identify needs from the perspectives of our local motorists, pedestrians, and bicyclists.

The surveys are available on the LGC website at http://www.region2000.org/transportation-needs-surveys-page1.html

Both surveys allow local residents to provide detailed information on specific transportation needs within the areas of Region 2000 that they live, work, go to school, or travel most often. The results of the surveys will assist the LGC, the Central Virginia Metropolitan Planning Organization (CVMPO), and localities in prioritizing needs and developing strategies to ensure a safe, efficient, and balanced transportation system. **Everyone that participates in a survey will be entered for a drawing for one of five $20 gift certificates to Amazon.com.**

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About Virginia's Region 2000 Partnership

Virginia's Region 2000 Partnership is a collaborative network of organizations with a unified vision to provide regional development leadership within the 2,000 square miles that include the counties of Amherst, Appomattox, Bedford and Campbell, the towns of Altavista, Amherst, Appomattox and Brookneal, and the cities of Bedford and Lynchburg. The organization provides a single point of contact to the public and private sector for regional planning services, economic development, marketing, and workforce training. Partner organizations include the Economic Development Council, the Local Government Council, the Technology Council, the Workforce Investment Board, the Young Professionals of Central Virginia and the newly opened Center for Advanced Engineering and Research. Visit us at www.region2000.org. or follow us on Twitter @VARegion2000.

STATEMENT OF PURPOSE
Approved September 5, 2002

The Central Virginia Transportation Technical Committee (Committee) is responsible for supporting the Central Virginia Metropolitan Planning Organization's (CVMPO) and Region 2000 Regional Commission's transportation policy decision-making efforts.

The Committee provides technical advice in coordinating the federally-mandated "3-C" or continuing, comprehensive, and cooperative, transportation planning and programming process.

The Committee's three principal work efforts are updating the long range transportation plan, updating the transportation improvement program (TIP), and developing the annual unified planning work program. The Committee, in conjunction with its rural colleagues, also develops the annual Rural Transportation Planning Assistance Program Scope of Work. The Committee's intent is to review and comment on TIP projects and work program products.

The Committee acknowledges that the long range transportation plan update is the primary planning document for transportation issues in the Central Virginia region. This planning initiative drives the formulation of the transportation improvement program, as well as the annual work programs.

The Committee further realizes that the long range transportation planning process must identify regional priorities in order to fully influence project funding decisions ultimately exercised by the Commonwealth Transportation Board. The Committee's intent is to recommend priorities and encourage the CVMPO to set these priorities at the regional level.

Because of its importance, the Committee is fully committed to actively being involved in the long range transportation planning process.

In carrying out its responsibilities, the Committee will:

1. Coordinate with local planning departments to ensure an understanding of pertinent local development issues and their impact on the region;

2. Coordinate with nearby MPOs and develop an ongoing dialogue with them;

3. Strive to integrate land use and economic development, as well as transportation considerations, in its planning process;

4. Strive to be proactive as opposed to reactive in problem solving.